

Notice of Allowability

Application No.

10/723,239

Applicant(s)

RUETSCHI, JOHANNES

Examiner

Keith T. Ferguson

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/26/03.
2. ☒ The allowed claim(s) is/are 1-40.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

Art Unit: 2617

Part III EXAMINER'S AMENDMENT

1. An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R. § 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the Issue Fee.

The application has been amended as follows:

In claim 8, line 6, "linage" has been changed to -- linkage--;
in claim 19, line 8, "linage" has been changed to -- linkage--.

REASONS FOR ALLOWANCE

2. Claims 1-40 are allowed.
3. The following is an Examiner's Statement of Reasons for Allowance:
The invention as claimed is not taught or rendered obvious by the prior art of record. Regarding claim 1, the prior art of record fails to teach or suggest, alone or in combination a plurality of base station controllers in communication with one another and managing spanning calls, said each BTS being connected to one base station controller (BSC), each said BTS connected to said one BSC being a local BTS in a local cell and each said BTS connected to another said one BSC being a remote BTS in a remote cell, said spanning calls being between said wireless communications devices in one said local cell and one said remote cell; and a gateway server in each of at least two BSCs, each said gateway server providing call linkage for managed said spanning calls in call context objects separate from said managed spanning calls.

Regarding claim 8, the prior art of record fails to teach or suggest, alone or in combination the steps of: a) identifying spanning calls from incoming calls, a spanning call being a call to a remote mobile station (MS) at another endpoint; b) diverting said spanning calls to a dedicated line and forwarding

Art Unit: 2617

call context objects to a receiving endpoint, said call context objects providing call linkage for corresponding said spanning calls; c) matching said call context objects with said corresponding spanning calls on said dedicated line at said receiving endpoint; and d) deflecting matched said spanning calls to called said mobile stations.

Regarding claim 19, the prior art of record fails to teach or suggest, alone or in combination, a) identify spanning calls from incoming calls, a spanning call being a call to a remote mobile station (MS) at another endpoint; b) divert said spanning calls to a dedicated line and forwarding call context objects to a receiving endpoint, said call context objects providing call linkage for corresponding said spanning calls; c) match forwarded said call context objects with said corresponding spanning calls on said dedicated line; and d) deflect matched said spanning calls to called said mobile stations.

Regarding claim 31, the prior art of record fails to teach or suggest, alone or in combination computer program code means for identifying spanning calls from incoming calls, spanning calls including calls to and forwarded from other endpoints; computer program code means for creating call context objects; computer program code means for diverting said spanning calls to a dedicated line and forwarding said call context objects to another endpoint, forwarded said call context objects providing call linkage for corresponding said spanning calls; computer program code means for matching said forwarded call context objects with corresponding said spanning calls; and computer program code means for deflecting matched said spanning calls to called mobile stations.

Yemini et al. (U.S. Pub. No. 2002/0031131) discloses a method for exchanging data between a dynamically addressed network and a foreign network. Voit et al. (U.S. Patent 6,215,790) discloses an automatic called party locator over internet with provision. Lahtinen (U.S. Patent 6,157,832) discloses a service dependent routing of mobile terminating call in a mobile communication system. Evslin (U.S. Pub. No. 2005/0009525) discloses a wireless phone with interface to different networks. However, none of the prior art teaches applicant claimed invention above.

Art Unit: 2617

Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably **accompany** the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Keith T. Ferguson whose telephone number is (571) 272-7865. The examiner can normally be reached on 6:30am-4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached on (571) 272-7872. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2617

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Keith Ferguson
Art Unit 2617
December 20, 2006

KEITH FERGUSON
PRIMARY EXAMINER

